



RAW SEQUENCE LISTING

DATE: 08/06/2002

PATENT APPLICATION: US/09/417,478

TIME: 10:15:27

Input Set : N:\Crf3\08022002\I417478.raw

Output Set: N:\CRF4\08062002\I417478.raw

P6

1 <110> APPLICANT: Cambridge Antibody Technology
 2 Cambridge Antibody Technology Limited
 3 Medical Research Council
 4 McCafferty, John
 5 Pope, Anthony
 6 Johnson, Kevin
 7 Hoogenboom, Hendricus
 8 Griffiths, Andrew
 9 Jackson, Ronald
 10 Holliger, Kasper
 11 Marks, James
 12 Clackson, Timothy
 13 Chiswell, David
 14 Winter, Gregory
 15 Bonert, Timothy
 16 <120> TITLE OF INVENTION: Methods for Producing Members of Specific Binding
 17 Pairs
 18 <130> FILE REFERENCE: 213839-00010
 19 <140> CURRENT APPLICATION NUMBER: US/09/417,478
 20 <141> CURRENT FILING DATE: 1999-10-13
 21 <150> PRIOR APPLICATION NUMBER: GB 9015198.6
 22 <151> PRIOR FILING DATE: 1990-07-10
 23 <150> PRIOR APPLICATION NUMBER: GB 9022845.3
 24 <151> PRIOR FILING DATE: 1990-10-19
 W--> 25 <150> PRIOR APPLICATION NO: GB 9022845.3
 26 <151> PRIOR FILING DATE: 1990-10-19
 27 <150> PRIOR APPLICATION NUMBER: GB 9024503.6
 28 <151> PRIOR FILING DATE: 1990-11-12
 29 <150> PRIOR APPLICATION NUMBER: GB 9104744.9
 30 <151> PRIOR FILING DATE: 1991-03-06
 31 <150> PRIOR APPLICATION NUMBER: GB 9110549.4
 32 <151> PRIOR FILING DATE: 1991-05-15
 33 <150> PRIOR APPLICATION NUMBER: PCT/GB91/01134
 34 <151> PRIOR FILING DATE: 1991-07-10
 35 <150> PRIOR APPLICATION NUMBER: US 07/971,857
 36 <151> PRIOR FILING DATE: 1993-01-08
 37 <150> PRIOR APPLICATION NUMBER: US 08/484,893
 38 <151> PRIOR FILING DATE: 1995-06-07
 39 <160> NUMBER OF SEQ ID NOS: 272
 40 <170> SOFTWARE: PatentIn version 3.1
 42 <210> SEQ ID NO: 1
 43 <211> LENGTH: 5
 44 <212> TYPE: PRT

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45 <213> ORGANISM: Bacteriophage fd
46 <400> SEQUENCE: 1
47     Gln Val Gln Leu Gln
48     1           5
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 5
52 <212> TYPE: PRT
53 <213> ORGANISM: Bacteriophage fd
54 <400> SEQUENCE: 2
55     Val Thr Val Ser Ser
56     1           5
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 5
60 <212> TYPE: PRT
61 <213> ORGANISM: Bacteriophage fd
62 <400> SEQUENCE: 3
63     Leu Glu Ile Lys Arg
64     1           5
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 75
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: oligonucleotide for mutagenesis
72 <400> SEQUENCE: 4
73     actttcaaca gtttctgcgg ccgcccgttt gatctcgagc tctctgcagtt ggacctgtgc      60
74     actgtgagaa tagaa                                     75
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 22
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: PCR primer
82 <400> SEQUENCE: 5
83     aggtgcagct gcaggagtca gg                                     22
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 34
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: PCR primer
91 <400> SEQUENCE: 6
92     ggtgacctcg agtgaagatt tgggctcaac tttc                                     34
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 27
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: PCR primer

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100 <400> SEQUENCE: 7
101      tgaggacwcw gccgtctact actgtgc                                27
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 24
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: oligonucleotide probe distinguishing between pAb D1.3
109      and pAB NQ1
110      1
111 <400> SEQUENCE: 8
112      gtagtcaagc ctataatctc tctc                                24
114 <210> SEQ ID NO: 9
115 <211> LENGTH: 51
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: PCR primer
120 <400> SEQUENCE: 9
121      tattctcaca gtgcacaaac tgttgaacgg acaccagaaa tgcctgttct g    51
123 <210> SEQ ID NO: 10
124 <211> LENGTH: 39
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: PCR primer
129 <400> SEQUENCE: 10
130      acatgtacat gcggccgctt tcagccccag agcggccttt                39
132 <210> SEQ ID NO: 11
133 <211> LENGTH: 33
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: PCR primer
138 <400> SEQUENCE: 11
139      tttaatgagg atccacaggt gcagctgcaa gag                        33
141 <210> SEQ ID NO: 12
142 <211> LENGTH: 30
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: PCR primer
147 <400> SEQUENCE: 12
148      aacgaatgga tcccgtttga tctcaagctt                            30
150 <210> SEQ ID NO: 13
151 <211> LENGTH: 24
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:

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155 <223> OTHER INFORMATION: oligonucleotide for mutagenesis - removal of a BamH1
156 site
157 <400> SEQUENCE: 13
158 caaacgaatg ggtcctcctc atta 24
160 <210> SEQ ID NO: 14
161 <211> LENGTH: 26
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: oligonucleotide for mutagenesis - introduction of a
166 BamH1 site
167 <400> SEQUENCE: 14
168 ccrccaccct cggtaccrcc accctc 26
170 <210> SEQ ID NO: 15
171 <211> LENGTH: 15
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: linker between VH and VLK
176 <400> SEQUENCE: 15
177 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
178 1 5 10 15
180 <210> SEQ ID NO: 16
181 <211> LENGTH: 23
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: primer for reverse transcription
186 <400> SEQUENCE: 16
187 ctggacaggg atccagagtt cca 23
189 <210> SEQ ID NO: 17
190 <211> LENGTH: 23
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: primer for reverse transcription
195 <400> SEQUENCE: 17
196 ctggacaggg ctccatagtt cca 23
198 <210> SEQ ID NO: 18
199 <211> LENGTH: 32
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: PCR primer
204 <400> SEQUENCE: 18
205 tgaggagacg gtgaccgtgg tcccttggcc cc 32
207 <210> SEQ ID NO: 19
208 <211> LENGTH: 22
209 <212> TYPE: DNA

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210 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: PCR primer
213 <400> SEQUENCE: 19
214      aggtsmarct gcagsagtcw gg                                22
216 <210> SEQ ID NO: 20
217 <211> LENGTH: 24
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: PCR primer
222 <400> SEQUENCE: 20
223      ccgtttgatt tccagcttgg tgcc                                24
225 <210> SEQ ID NO: 21
226 <211> LENGTH: 24
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: PCR primer
231 <400> SEQUENCE: 21
232      ccgttttatt tccagcttgg tccc                                24
234 <210> SEQ ID NO: 22
235 <211> LENGTH: 24
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: PCR primer
240 <400> SEQUENCE: 22
241      ccgttttatt tccaactttg tccc                                24
243 <210> SEQ ID NO: 23
244 <211> LENGTH: 24
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: PCR primer
249 <400> SEQUENCE: 23
250      ccgtttcagc tccagcttgg tccc                                24
252 <210> SEQ ID NO: 24
253 <211> LENGTH: 24
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: PCR primer
258 <400> SEQUENCE: 24
259      gacattgagc tcacccagtc tcca                                24
261 <210> SEQ ID NO: 25
262 <211> LENGTH: 24
263 <212> TYPE: DNA
264 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; Xaa Pos. 2,4,5
Seq#:38; Xaa Pos. 1,2,4,5
Seq#:75; N Pos. 16,17,18,19,20,21
Seq#:76; N Pos. 16,17,18
Seq#:77; N Pos. 16,17,18

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:37; Line(s) 377,382
Seq#:38; Line(s) 399,404
Seq#:75; Line(s) 740
Seq#:76; Line(s) 755
Seq#:186; Line(s) 1942
Seq#:264; Line(s) 3571